

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G10L15/10 G06K9/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G10L G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JAAP HAITSMAN ET AL: "A highly robust audio fingerprinting system" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON MUSIC RETRIEVAL 2002, 17 October 2002 (2002-10-17), pages 107-115, XP002278848 the whole document ----- -/--	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

9 March 2005

Date of mailing of the international search report

01/04/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>HAITSMA J ET AL: "Speed-change resistant audio fingerprinting using auto-correlation"</p> <p>2003 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING. PROCEEDINGS. (ICASSP). HONG KONG, APRIL 6 - 10, 2003, IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING (ICASSP), NEW YORK, NY : IEEE, US,</p> <p>vol. VOL. 1 OF 6,</p> <p>6 April 2003 (2003-04-06), pages IV728-IV731, XP010641263</p> <p>ISBN: 0-7803-7663-3</p> <p>the whole document</p>	1-5,7-9
X	<p>HAITSMA ET AL: "Robust Audio Hashing for Content Identification"</p> <p>PROCEEDINGS INTERNATIONAL WORKSHOP ON CONTENT-BASED MULTIMEDIA INDEXING, XX, XX, 19 September 2001 (2001-09-19), pages 1-8, XP002198245</p> <p>the whole document</p>	1-3,7
X	<p>US 2002/178410 A1 (HAITSMA JAAP ANDRE ET AL) 28 November 2002 (2002-11-28)</p> <p>the whole document</p>	1-3,7

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002178410	A1 . 28-11-2002	CN 1461565 A	10-12-2003
		EP 1362485 A1	19-11-2003
		WO 02065782 A1	22-08-2002
		JP 2004519015 T	24-06-2004
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